

WHAT IS CLAIMED IS:

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1. An audio signal processing apparatus capable of changing the tempo of an input audio signal, said apparatus comprising: magnification designating means capable of designating a plurality of different magnifications; means capable of automatically detecting a BPM (Beats Per Minute) or a beat period of the input audio signal, changing said BPM or said beat period in accordance with a magnification designated by the magnification designating means, changing the tempo of the audio signal in accordance with the changed BPM and the changed beat period.

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2. An audio signal processing apparatus according to claim 1, wherein manual designating means is provided for designating any optional value serving as a *beats per minute* and a beat period.

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3. An audio signal processing apparatus according to claim 1, wherein fine adjustment means is provided to effect a fine *beats per minute* adjustment on a *beats per minute* and a beat period.

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4. An audio signal processing apparatus according to claim 1, wherein indicators are provided to indicate a *beats per minute* and a beat period.

5. An audio signal processing apparatus according to claim
A 1, wherein mixer is provided such that ^{a changed tempo} ~~an~~ audio signal
A generated by changing the tempo of said ^{input} ~~an~~ audio signal may be
mixed with said input audio signal, thereby producing a newly
formed audio signal.

6. An audio signal processing apparatus according to claim
5, wherein mixing ratio adjusting means is provided to adjust
A a mixing ratio when ^{said changed tempo} ~~an~~ audio signal generated by changing the
A tempo of said ^{input} ~~an~~ audio signal is mixed with said input audio
signal, thereby producing a newly formed audio signal.

